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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/006,618	12/10/2001	Akihiko Fujiwara	036741-0108	1127
22428	7590	09/20/2005	EXAMINER	
FOLEY AND LARDNER SUITE 500 3000 K STREET NW WASHINGTON, DC 20007			LETT, THOMAS J	
			ART UNIT	PAPER NUMBER
			2626	

DATE MAILED: 09/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/006,618

**Applicant(s)**

FUJIWARA, AKIHIKO

**Examiner**

Thomas J. Lett

**Art Unit**

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**– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 June 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |                                                                                                                        |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                            | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input checked="" type="checkbox"/> Other: <u>Detailed Action</u> .                  |

**DETAILED ACTION**

***Response to Arguments***

1. Applicant's arguments with respect to claims 1-14 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Salgado et al (USPN 5,872,569).

With respect to claim 1, Salgado et al disclose a job executing system in which, with respect to a same processing object, designated jobs are executed in a sequence, comprising:

job management means (user interface 142, see Fig. 6, and see displays of Figs. 12 and 13 with controls) for managing an input-related candidate job (a scanned document at scanner 18 using scanner toolbar 304, col. 9, line 26) which executes chiefly input processing, and an output-related candidate job (printing document at printer 20 using toolbar 284, col. 9, line 26) which executes chiefly output processing; and

job synthesizing means (digital filing using storage device toolbar 306, col. 22, lines 9-14) for generating, according to a user's operation, a synthetic job constituted by an input-related candidate job which has been already executed (scanned documents), and an output-related candidate job which will be executed hereafter (printed or emailed documents, see Fig. 13); and

job schedule succeeding means (metaphorical template for workflow of a job ticket, col. 14, lines 10-21) for succeeding a schedule of the synthetic job generated from a first device (scanner 304) to a second device (printer 284 or email 286) when the second device which executes the output-related candidate job and the first device which has executed the input-related candidate job are different at the synthetic job (digital filing 306).

With respect to claim 2, Salgado et al disclose a job executing system according to claim 1, in which a graphical user interface environment is provided (user interface 142, see Fig. 6, and see displays of Figs. 12 and 13), wherein there is provided screen displaying means for displaying, on a screen, interactive figure elements (elements 280, 282, 284, 286, 304) each indicative of its associated candidate job; and

according to user's operations to some of the interactive figure elements, their associated candidate jobs are synthesized so as to obtain a synthetic job (element 306).

With respect to claim 3, Salgado et al disclose a job executing system according to claim 2, wherein

when the number of the input-related candidate jobs is two or more, the input-related candidate jobs are associated with their respective input means (several

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documents presented to scanner 304 would represent two or more associated with an input); and

when the number of the output-related candidate jobs is two or more, the output-related candidate jobs are associated with their respective output means (several documents controlled to be emailed or printed would represent two or more associated with an output).

With respect to claim 4, Salgado et al disclose a job executing system according to claim 2, wherein there is provided standard setting information management means for accumulating and managing standard output setting information indicative of a standard attribute of the output-related candidate job (if an automatic implementation is desired, the process proceeds to step 224 (FIG. 10) where the user develops a template in which at least one initiating metaphor element and one device or storage metaphor are provided, col. 18, lines 57-61); and

according to a user's operation, the synthetic job thus obtained is executed while using the standard output setting information (if an automatic implementation is desired, the process proceeds to step 224 (FIG. 10) where the user develops a template in which at least one initiating metaphor element and one device or storage metaphor are provided, col. 18, lines 57-61).

With respect to claim 5, Salgado et al disclose a job executing system according to claim 3, in which, by means of user's operations to interactive figure elements, selection of an interactive figure element indicative of an input-related candidate job and selection of an interactive figure element indicative of an output-related candidate job

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are sequentially conducted to generate a synthetic job (if an automatic implementation is desired, the process proceeds to step 224 (FIG. 10) where the user develops a template in which at least one initiating metaphor element and one device or storage metaphor are provided, col. 18, lines 57-61), wherein there is provided synthesis possibility judging means for judging, on the basis of a relationship between a characteristic of the input means thus associated and a characteristic of the output means thus associated, whether or not a synthesis can be conducted between an input-related or output-related job which has been already selected, and an output-related or input-related job which is intended to be selected by a user's operation (if an automatic implementation is desired, the process proceeds to step 224 (FIG. 10) where the user develops a template in which at least one initiating metaphor element and one device or storage metaphor are provided, col. 18, lines 57-61); and

when the synthesis possibility judging means judges that the synthesis cannot be conducted, a change is made to a display of the interactive figure element indicative of the output-related or input-related candidate job which is intended to be selected (in Fig. 11, processing the workflow involves querying and obtaining status information of devices in order to determine the ability to process jobs and the ability to substitute another device, col. 14, lines 19-21 and see Fig.11).

With respect to claim 6, Salgado et al disclose a job executing system according to claim 3, in which, by means of user's operations to interactive figure elements, selection of an interactive figure element indicative of an input-related candidate job and selection of an interactive figure element indicative of an output-related candidate job

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are sequentially conducted to generate a synthetic job, wherein there is provided a limitation content examining means for examining, on the basis of a relationship between a characteristic of the input means thus associated and a characteristic of the output means thus associated, a content of a limitation imposed when a synthesis is conducted between an input-related or output-related candidate job which has been already selected, and an output-related or input-related candidate job which is intended to be selected by a user's operation (in Fig. 11, processing the workflow involves querying and obtaining status information of devices, and modifying attributes of jobs (S256,S258) in order to determine the ability to process jobs and the ability to substitute another device, col. 14, lines 19-21 and see Fig.11); and

according to an examination result made by the limitation content examining means, a change is made to a display of the interactive figure element indicative of the output-related or input-related candidate job which is intended to be selected (the ability to substitute another device in the device template, col. 14, lines 19-21 and see Fig.11).

With respect to claim 7, Salgado et al disclose a job executing system according to claim 3, in which, by means of user's operations to interactive figure elements, selection of an interactive figure element indicative of an input-related candidate job (a scanned document at scanner 18 using scanner toolbar 304, col. 9, line 26) and selection of an interactive figure element indicative of an output-related candidate job (printing document at printer 20 using toolbar 284, col. 9, line 26) are sequentially conducted to generate a synthetic job (the scanned file and email selection are associated with a digital filing job in Fig. 13), wherein based on an operating state of the

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output means, a change is made a display of the interactive figure element indicative of the output-related or input-related candidate job, which is intended to be selected by a user's operation (the ability to substitute another device in the device template, col. 14, lines 19-21 and see Fig.11).

Claim 8, a method, is rejected for the same reason as claim 1.

Claim 9, a method, is rejected for the same reason as claim 2.

Claim 10, a method, is rejected for the same reason as claim 3.

Claim 11, a method, is rejected for the same reason as claim 4.

Claim 12, a method, is rejected for the same reason as claim 5.

Claim 13, a method, is rejected for the same reason as claim 6.

Claim 14, a method, is rejected for the same reason as claim 7.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any



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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas J. Lett whose telephone number is (571)272-7464. The examiner can normally be reached on 7-3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TJL

TJL

KAWilliams

**KIMBERLY WILLIAMS  
SUPERVISORY PATENT EXAMINER**